

STATE OF CALIFORNIA

CALIFORNIA INTEGRATED WASTE MANAGEMENT BOARD

Base Year Modification Request Certification

Part 1: Generation Study - No Extrapolation Diversion Data

To request a substitution for a previously approved base-year used in calculating the diversion rate for your jurisdiction, please complete and sign this form and return it to your Office of Local Assistance (OLA) representative at the address below, along with any additional information requested by OLA staff. When all documentation has been received, your OLA representative will work with you to prepare for your appearance before the Board. If you have any questions about this process, please call (916) 341-6199 to be connected to your OLA representative.

Mail completed documents to:

California Integrated Waste Management Board
Office of Local Assistance
1001 I Street, 9th Floor
PO Box 4025
Sacramento, CA 95812-4025

General Instructions:

Please select the **ONE** choice below that best explains your request to the Board.

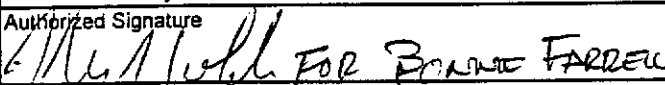
- ☒ 1. Use a recent generation-based study to calculate our current reporting-year generation amount, but not officially change our existing Board-approved base year.
- ☐ 2. Use a recent generation-based study to officially change our existing Board-approved base year to a new base year.

The cells on these sheets are protected except for the ones that need information. If you have problems using these sheets, please contact your Office of Local Assistance representative.

Section I: Jurisdiction Information and Certification

All respondents must complete this section.

I certify under penalty of perjury that the information in this document is true and correct to the best of my knowledge, and that I am authorized to make this certification on behalf of:

Jurisdiction Name		County	
Half Moon Bay		San Mateo	
Authorized Signature		Title	
		Public Works Director	
Type/Print Name of Person Signing		Date	Phone ()
Bonnie Farrell		12/11/01	650-726-8270
Person Completing This Form (please print or type)		Title	
Mark White		Project Manager	
Affiliation:		Pacific Waste Consulting Group	
Mailing Address		City	State
5714 Folsom Blvd. #240		Sacramento	CA
E-mail address		ZIP Code	
mark@pwcg.net		95819	

Section II: Information for New Generation-Based Study for Existing or New Base Year

Attach additional sheets if necessary— reference each response to the appropriate cell number (e.g., 4).

Note: New base years must be representative of a jurisdiction's disposal and diversion.

1. Current Board-approved base-year:	2. Proposed new generation-based study year:
1991	2000

3. Explain how the proposed generation study year is representative of average annual jurisdiction disposal and diversion:

The diversion in the City is not accurately calculated by the Adjustment Method. Because of this problem, the diversion is measured each year. The diversion reflected in this Certification form is for the year 2000. And may not reflect other years. A new diversion survey is planned for 2001.

4. Enter your diversion rates below.

Diversion rate calculated using existing base year	a. 25 %	Diversion rate calculated using new generation-based study	b. 45 %
For existing base year pounds/person/day based on generation	11.5	For new generation based study pounds/person/day based on generation	11.6
Residential generation 29 %	Non-Residential Generation 71 %	Residential generation 15 %	Non-Residential generation 85 %
Population existing generation-based study 11300		Population new generation-based study 11300	

5. If there is an increase between 4a and 4b, please explain how the new diversion rate is consistent with your current diversion implementation efforts. If the proposed new generation tonnage results in an increase in your pounds/person/day, please explain how this is consistent with your current diversion implementation efforts and provide any examples, e.g. change in jurisdiction's demographics.

The new diversion rate is consistent with current diversion efforts in the City. The diversion rate study includes diversion from City and hauler programs as well as that from an extensive business survey that included on-site waste audits of the larger generators in the City. The study includes diversion from programs that are NOT reflected in the original base year.

6. If the difference between the proposed diversion rates in 4a and 4b is greater than 5 percentage points, please explain the specific reasons for the difference. (For example: new/improved curbside diversion programs.)

There is a significant increase between the existing and the proposed diversion rates. The increased diversion rate is attributed to newly implemented or expanded diversion programs as well as the identification of diversion that was missed in the original base year. The new or expanded programs include City asphalt recycling and grasscycling at the City maintained schools. The diversion missed in the base year include internal diversion and source reduction methods among the larger generators in the City. This diversion accounts for the majority of the City's diversion efforts.

7. Disposal Tonnage: (enter values)		4417	19470	3857
		Residential	Non-Residential	Total
Please select the ONE choice below that best explains your disposal data and complete the required tables.				
<input checked="" type="checkbox"/> a. All tons claimed are from the Board's Disposal Reporting System (No explanation required. Go to Section 8.) <input type="checkbox"/> b. All tons claimed are from a 100 percent audit of hauler and self-haul tonnage. (Please complete Reporting Year Tonnage Request and Modification Certification sheet found at http://www.ciwmb.ca.gov/lcentral/forms/rytnmdrq.doc) <input type="checkbox"/> c. Some Disposal Reporting System data were corrected. (Please complete Reporting Year Tonnage Modification Request and Certification sheet found at http://www.ciwmb.ca.gov/lcentral/forms/rytnmdrq.doc)				

8. In the table below, list the summarized diversion activities, and diversion data records that support your claim and are available for Board audit. (Note: The Board expects the jurisdictions to be able to provide all back-up documentation, if requested) include type of record and location—for example, weight tickets from transfer stations. This section should capture all diversion tonnage (form will perform all addition calculations). If any diversion is from restricted wastes, agricultural wastes, inert solids (e.g., concrete, asphalt, dirt, etc.), white goods, and scrap metal please identify those programs/waste types and fill out section 10. Please mark as Attachment 8 all copies of survey forms.

*Please provide detailed non-Residential waste audit information in Section 9.

Diversion Activity	Actual tons	Relative Percent to Total (enter percentage)	Specific material type(s) (List diversion with the materials if one specific material type is used)	Specific conversion factor (used if any) and Source	Type of record and location of record
Residential Activities:					
Source Reduction					
Backyard composting		0.0%			
Other Residential source reduction (list each program separately)					
Yard Sales	97	0.2%	Household items	.35 tons/yard sale (CIWMB)	City records and survey
Enter program name		0.0%			
Enter program name		0.0%			
Enter program name		0.0%			
Enter program name		0.0%			
Subtotal Residential Source Reduction	97	0.2%			
Recycling					
Curbside Recycling	1042	2.4%	Paper, glass, plastics, metals	Actual tonnage	Hauler Records
Buyback centers					
Drop-off centers	99	0.2%	Glass, plastics, metals, paper	Actual tonnage	DOR
Other Residential recycling (list each program separately)					
Transfer Station Diversion	13	0.0%	OCC, paper, plastics, metals, glass, C&D, and greenwaste	Actual tonnage	Hauler Records
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Subtotal Residential Recycling	1154	2.6%			

Division Activity	Actual tons	Percent of Total Generation	Specific material types (if operation handles materials in one box)	Specific conversion factor used (if any) and source	Type of record and location of record
Please use the Board's program types. The program type is clearly labeled at the bottom of the program type code. http://www.ciwmbo.ca.gov/gcentral/parts/codes/recycle.htm					

Composting

Green waste drop-off	571	1.3%	Greenwaste	Actual tonnage	Hauler Records
Curbside green waste	388	0.9%	Greenwaste	Actual tonnage	Hauler Records
Christmas Tree program					

Other Residential composting (list each program separately)

Enter program name					
Enter program name					
Enter program name					
Enter program name					

Subtotal Residential Composting

	959	2.2%			
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Subtotal Residential Diversion

	2210	5.1%			
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Non-Residential Activities:

Source Reduction

Non-Residential Waste Audits	3850	8.8%		See Section 9	
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Other non-Residential source reduction (list each program separately)

Schools	32	0.1%	Greenwaste	.35 lbs/square foot (CIWMB)	City records
Business Source Reduction - Obtained from phone surveys	1156	2.6%	See Section 9	See List of Conversion Factors Attachment #8	Phone surveys
Restricted Waste - Obtained from phone surveys	31	0.1%	See Section 10	See List of Conversion Factors Attachment #8	Phone surveys
Enter program name					
Enter program name					

Subtotal Non-Residential Source Reduction

	5069	11.6%			
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Recycling

Non-Residential Waste Audits	114	0.3%		See Section 9	
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Other non-Residential recycling (list each program separately)

Government Source Reduction	38	0.1%	Building Relocation	See Attachment #10	City records
Commercial from Hauler	1397	3.2%	Paper, glass, plastics, metals	Actual tonnage	Hauler Records
Business Recycling - Obtained from phone surveys	842	1.9%	See Section 9	See List of Conversion Factors Attachment #8	Phone surveys
Restricted Waste - Obtained from phone surveys	7333	16.8%	See Section 10	See List of Conversion Factors Attachment #8	Phone surveys
Transfer Station Diversion	12	0.0%	OCC, paper, plastics, metals, glass, C&D, and greenwaste	Actual tonnage	Hauler Records
Subtotal Non-Residential Recycling	9735	22.3%			

Diversion Activity	Actual Tons	Relative Percentage Total Generation	Specific Material Type(s) (List Operation/Multiple materials in one box)	Specific Material Type(s) (List any) and Source	Type of record kept Location of record
Composting					
Non-Residential Waste Audits				See Section 9	
Other non-Residential composting (list each program separately)					
Transfer Station Self Haul Greenwaste	8	0.0%	Greenwaste	Actual tonnage	Hauler Records
Landfill Self Haul Greenwaste	1705	3.9%	Greenwaste	Actual tonnage	Hauler Records
Enter program name					
Enter program name					
Enter program name					
Subtotal Non-Residential Composting	1713	3.9%			
Subtotal Non-Residential Diversion	16518	37.8%			
Residential/Non-Residential Diversion Activities					
Sludge	719	1.6%	Greenwaste and C&D	Actual tonnage	DRS
Scrap metal					
Construction and Demolition	350	0.8%	C&D	Actual tonnage	Hauler Records
Landfill salvage					
Subtotal Residential/Non-Residential diversion	1069	2.4%			
Total Diversion Tons	19797	45.3%			
Total Disposal Tons from Sec.7	23887	54.7%			
Total Generation Tons (Div+Dis)	43684				

10. For each restricted waste type [i.e., agricultural waste, inert solids, (e.g. concrete, asphalt, dirt, etc.) scrap metals and white goods (PRC Section 41781.2)] and associated program, please provide the following

a. If the diversion program started on or after January 1, 1990, complete the following table.

(Note: program name refers to one specific diversion program for that waste type; (e.g., diversion conducted by City Public Waste Dept).

Restricted Waste Type	Specific Program name	Year started	Tonnage
Scrap Metal	▼ Recycling of Ferrous Scrap Metal through recycling	1999	0
Scrap Metal	▼ Recycling of Ferrous Scrap Metal through recycling	1999	5
Scrap Metal	▼ Recycling of Ferrous Scrap Metal through recycling	1999	13
Inert Solids	▼ Recycling of asphalt through reuse in paving	1997	780
Inert Solids	▼ Recycling of concrete and asphalt through production	1997	6534
Pull Down for Waste Types	▼		

b. If the diversion program started before January 1, 1990, on a separate sheet, marked attachment 10b, provide the following documentation: (Note: If documentation for a waste type and program has already been approved by the Board, you do not have to provide an attachment 10b for that waste type and program.

Instead please provide date of Board approval of previously submitted information. _____ (Date)

If documentation is not available, go to 10d.

- How the diversion was the result of a local action taken by the jurisdiction, which specifically resulted in the diversion [PRC Sec. 41781.2 (c) (1)].

- That the amount of that waste type diverted from the jurisdiction in 1990 was less than or equal to the amount of that waste type disposed at a permitted disposal facility by the jurisdiction in any year before 1990.

(Note: this criterion is applicable to the entire jurisdiction, not to individual programs

[PRC Sec. 41781.2 (c) (2)]).

- The jurisdiction is implementing, and will continue to implement, the diversion programs in its Source Reduction and Recycling Element.

c. If the diversion program started before January 1, 1990, and the documentation requested in 10b is available (but not yet approved by the Board), complete the table below for each program claimed:

Restricted Waste Type	Specific Program Name	New base year or reporting year diversion tonnage
Pull Down for Waste Types	▼	
Pull Down for Waste Types	▼	
Pull Down for Waste Types	▼	
Pull Down for Waste Types	▼	
Pull Down for Waste Types	▼	

d. If the diversion program started before January 1, 1990, and the documentation requested in 10b is not available, please complete the table below for each program claimed. (**Note:** Only the difference between the new base year/reporting year and 1990 can be counted in the diversion rate calculation.)

Restricted Waste Type	Specific Program name	New base year or reporting year tonnage	1990 diversion tonnage	Difference
Agricultural Waste	▼ Manure used as fertilizer in local fa	31	0	31
Scrap Metal	▼ Recycling of Ferrous Scrap Metal th	4	44	0
Pull Down for Waste Types	▼			
Pull Down for Waste Types	▼			
Pull Down for Waste Types	▼			
Pull Down for Waste Types	▼			

Attachment 9 - Business Survey Details

Bus SIC	Business Type	Reference Number	Totals		Total SR	Recycling					Source Reduction										
			Total Div	Total Rec		OCC	Paper	Al	Fe	Plastic	Or Org	Inerts	Tires	Pallets	OCC	Paper	Plastic	Green waste	Textiles	Or Org	Tires
10	Retail - Other	A-00-01 ✓	340.0	0.0	340.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	Wholesale - Nondurable Goods	A-00-02 ✓	162.3	102.1	60.2	30.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.6	0.0	1.2	57.0	0.0	0.0	0.0
38	Agriculture/Fisheries	S-00-03	20.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0
38	Service - Other	S-00-04	1143.5	0.0	1143.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1143.5	0.0	0.0
28	Retail - Automotive Service	S-00-05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	Transportation - Other	S-00-06 ✓	780.0	780.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	780.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	Construction	S-00-07 ✓	6514.5	6514.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6514.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	Retail - Food Store	S-00-09	119.1	119.1	0.0	110.9	0.0	0.0	0.0	0.0	1.3	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38	Agriculture/Fisheries	S-00-11	26.5	0.0	26.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	Retail - General Merchandise	S-00-12	79.4	79.4	0.0	78.0	1.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.5	0.0
38	Agriculture/Fisheries	S-00-13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	Wholesale - Nondurable Goods	A-00-03 ✓	3462.0	12.0	3450.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	Retail - Other	S-00-15	4.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0
38	Agriculture/Fisheries	S-00-16	4.5	0.0	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	Retail - Building Material and Garden	S-00-18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	Retail - Food Store	S-00-19	562.3	562.3	0.0	346.8	0.0	0.0	0.0	0.0	7.9	206.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	Wholesale - Nondurable Goods	S-00-20	3.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0
28	Retail - Automotive Service	S-00-01	1.6	1.0	0.6	0.1	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.6
28	Retail - Automotive Service	S-00-17	30.4	25.6	4.8	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.8
28	Retail - Automotive Service	S-00-03	3.7	3.5	0.2	0.7	0.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.2
28	Retail - Automotive Service	S-00-08	5.2	5.2	0.0	0.0	0.0	0.0	0.0	0.0	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	Retail - Automotive Service	S-00-10	20.8	20.8	0.0	0.0	0.0	0.0	0.0	0.0	13.3	0.0	0.0	0.0	7.5	0.0	0.0	0.0	0.0	0.0	0.0
26	Retail - General Merchandise	S-00-14	27.7	27.7	0.0	27.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
			13310.4	8293.2	5037.2	594.7	1.0	0.8	23.0	21.5	213.7	7314.5	32.3	91.6	0.1	7.2	60.0	1143.5	340.0	0.0	5.5